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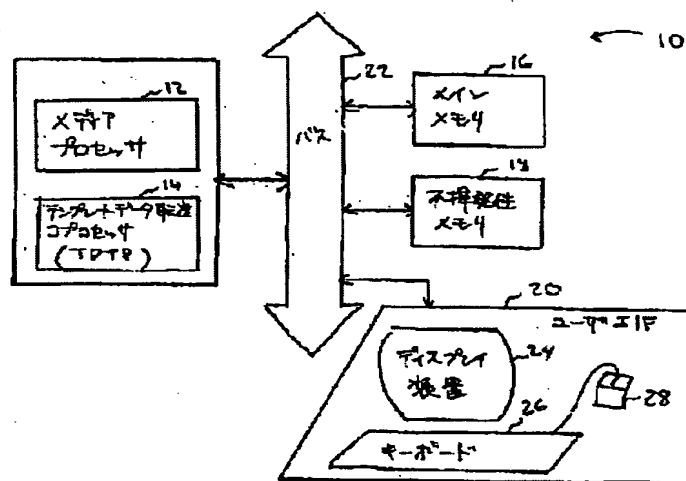
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APPLICANT : UNIV OF WASHINGTON;

INVENTOR : YONMIN KIM;

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TITLE : COPROCESSOR DEVICE AND
METHOD FOR FACILITATING DATA
TRANSFER



ABSTRACT : PROBLEM TO BE SOLVED: To realize a template data transfer coprocessor (TDTP) 14 to off-load block data transfer operation from a media processor 12.

SOLUTION: A uniblock template 36, a program guide template 66, an indirect template 80, and a template 102 based on a queue are explained. The TDTP includes a template interpreter 110, which sets the template using an event drive control mechanism and calculates block information and block information per template. Programming related to the specification of block data transfer for video and image processing algorithm is substantially reduced using these templates.

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